

Stamford Dam and Lake Stamford

<b>OWNER</b>	
City of Stamford.	
<b>ENGINEER (Design)</b>	
Freese and Nichols.	
<b>LOCATION</b>	
On Paint Creek in Haskell County, 10 miles southeast of Haskell.	
<b>DRAINAGE AREA</b>	
360 square miles.	
<b>DAM</b>	
Type	Earthfill
Length	3,600 ft
Height	78 ft
Top width	24 ft
Top elevation	1,436.8 ft above msl
<b>SPILLWAY (emergency)</b>	
Location	Right end of dam
Type	Natural channel
Crest elevation	1,425.8 ft above msl
<b>SPILLWAY (service)</b>	
Location	900 ft to left of dam
Type	Excavated channel in rock
Crest length	100 ft
Crest elevation	1,416.8 to 1,417.3 ft above msl
<b>OUTLET WORKS (low flow)</b>	
Type	Concrete shaft
Discharge pipe	24-inch diameter by 442 ft long
Control	2 valves, each 20-inch diameter
Invert elevation	1,382.8 ft above msl
Water is pumped directly from the lake for powerplant use by West Texas Utility Company. Water is pumped directly from the lake by the city of Stamford for municipal use.	
<b>STATE AUTHORIZATION</b>	
Permit No. 1542 (Application No. 1650) July 10, 1950, allows storage of 60,000 acre-feet of water and annual use of 10,000 acre-feet for municipal and industrial purposes.	
<b>RESERVOIR DATA (Based on 1966 survey by U.S. Soil Conservation Service)</b>	
Capacity (original)	57,630 acre-feet
Capacity (1966)	53,930 acre-feet at elevation 1,416.8 ft above msl
Area	4,690 acres at elevation 1,416.8 ft above msl
<b>GENERAL</b>	
Construction started	July 14, 1951
Dam completed	March 1953
Deliberate impoundment began	June 1953
General contractor	L. & S. Contractor
Estimated cost of dam	\$289,365

